



IAP15 Rec'd PCT/PTO 15 AUG 2006
PCT

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Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2006

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **(\$)** **1,310.00**

Complete if Known

| | |
|----------------------|------------------|
| Application Number | 10/553,780 |
| Filing Date | October 21, 2005 |
| First Named Inventor | Tomohiro OSANAI |
| Examiner Name | Not Yet Assigned |
| Art Unit | N/A |
| Attorney Docket No. | 4600-0114PUS1 |

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 02-2448 Deposit Account Name: Birch, Stewart, Kolasch & Birch, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayment of Credit any overpayments

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

| Fee (\$) | Small Entity Fee (\$) |
|----------|-----------------------|
|----------|-----------------------|

50 25

Each independent claim over 3 (including Reissues)

200 100

Multiple dependent claims

360 180

| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|----------|---------------|
|--------------|--------------|----------|---------------|

28 - 21 = 7 x 50.00 = 350.00

HP = highest number of total claims paid for, if greater than 20.

Multiple Dependent Claims

| Fee (\$) | Fee Paid (\$) |
|----------|---------------|
|----------|---------------|

360.00 360.00

| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
|---------------|--------------|----------|---------------|
|---------------|--------------|----------|---------------|

6 - 3 = 3 x 200.00 = 600.00

HP = highest number of independent claims paid for, if greater than 3.

360.00 360.00

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
|--------------|--------------|--|----------|---------------|

- 100 = _____ /50 _____ (round up to a whole number) x _____ = _____

Fees Paid (\$)

4. OTHER FEE(\$)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): _____

SUBMITTED BY

| | | | | | |
|-------------------|-----------------------|--------------------------------------|-------------|-----------|----------------|
| Signature | <u>G. Murphy Jr.</u> | Registration No. (Attorney/Agent) | 28,977 | Telephone | (703) 205-8000 |
| Name (Print/Type) | Gerald M. Murphy, Jr. | Date | AUG 15 2006 | | |

08/18/2006 GFREY1 0000065 10553780
1. MJK

01 FC:1615
02 FC:1614
03 FC:1616

350.00 0P
600.00 0P
360.00 0P



Docket No.: 4600-0114PUS1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Tomohiro OSANAI

International Application No.: PCT/JP2004/003598

Application No.: 10/553,780

Art Unit: N/A

Filed: October 21, 2005

Examiner: Not Yet Assigned

For: REMEDIES FOR DISEASES CAUSED BY
STRENGTHENED VASCULAR SMOOTH
MUSCLE USING 14-MEMBERED RING
MACROLID COMPOUNDS

FIRST PRELIMINARY AMENDMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INTRODUCTORY COMMENTS

The following preliminary amendments and remarks are respectfully submitted in connection with the above-identified application.

This amendment includes:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 6 of this paper.